

TONEABLE CONDUIT AND METHOD OF PREPARING SAME

Abstract of the Disclosure

The present invention is a toneable conduit that can transmit a signal and that can therefore be readily detected by toning equipment. In addition, the conduit of the invention can be readily coupled with other conduit to provide extended lengths of conduit. The toneable conduit includes an elongate polymeric tube having a wall with an interior surface, an exterior surface, and a predetermined wall thickness. A channel extends longitudinally within the wall of the elongate polymeric tube and a stabilizing rib extends longitudinally along the interior surface of the wall of the elongate polymeric tube and is located radially inward from the channel. A continuous, coated, high elongation wire is coincident with the channel in the elongate polymeric tube and is coated with a coating composition that prevents the wire from adhering to the polymer melt used to form the elongate polymeric tube. The present invention further includes methods of making the toneable conduit and methods of coupling a first toneable conduit with a second toneable conduit.

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